

DEC 22 2023

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Eagle Lake Water & Sewer District
PO Box 137
243 Old Main Street
Eagle Lake, ME 04739-0137
207-444-5441
[elwsd@fairpoint.net]

December 18, 2023

Mr., John Pietroski
Board of Pesticides Control
28 State House Station
Augusta, ME 04333-0028

Dear Mr. Pietroski,

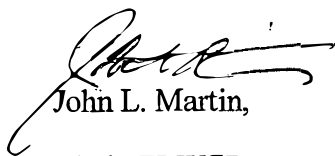
The Board of Trustees of Eagle Lake Water & Sewer District is requesting that the Board of Pesticides Control designate the district's public water supply, which is wellhead protection area along Eagle Lake as a Critical Pesticide Control Area and have a total ban on the use of pesticide and herbicide within this area.

The public water supply is two (2) 16" gravel pack groundwater wells, 42 feet in depth. Wells were installed in 2008 and put in service in January, 2009. In 2008 the district and the town tried to create a wellhead protection plan ordinance but failed. Over the years we have notice that abutting land owners have been active in applying herbicides and pesticides within our wellhead protection area. We have requested the abutting land owners stop this practice, but they have refused. The board of trustees is requesting your help to protect our drinking water supply.

Enclosed is a copy well site management plan, produce by our engineers and approved by the Maine Drinking Water Program, a site map, abutting land owners and mailing addresses.

Should you need additional information please contact district office at (207)-444-5441.

Sincerely,



John L. Martin,
Clerk, ELWSD

Eagle Lake Water & Sewer District
Eagle Lake, Maine (Public Water Source)

Land Owners located within the 200 day travel time Zone of Contribution

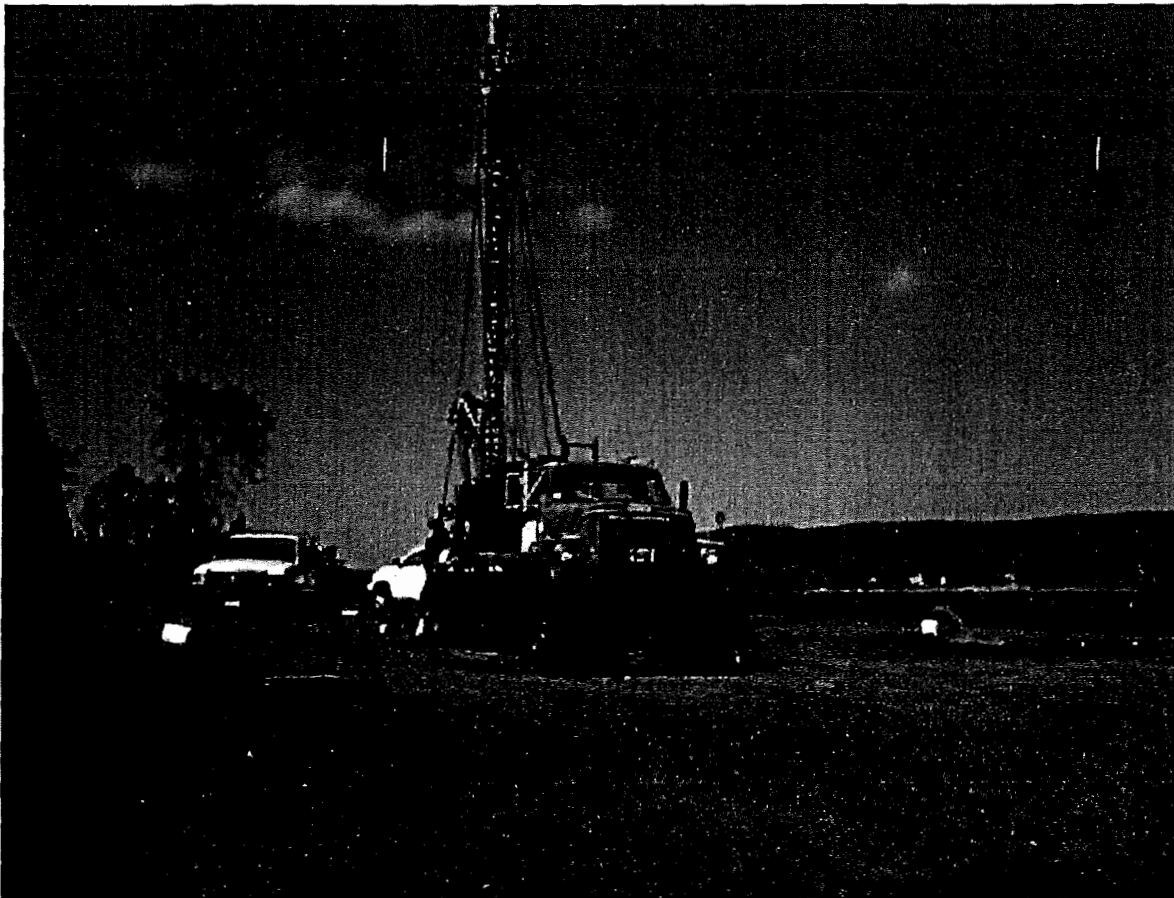
Tax Map / Lot	Property Owner Name	Mailing Address
16 / 29	Phillip LeBoeuf Overlook Cabins	PO Box 347, Eagle Lake, ME 04739
16 / 29 -1	ELWSD District Sewer Pumping Station # 2	PO Box 137, Eagle Lake, ME 04739
16 / 30	Phillip LeBoeuf Home	PO Box 347, Eagle Lake, ME 04739
16 / 30A	ELWSD District Wellhead Area	PO Box 137, Eagle Lake, ME 04739
16 / 31 -3	Louis & Lillian Roy Home	PO Box 347, Eagle Lake, ME 04739
16 / 31 -4	Paula Ouellette RV Lot	75 Pleasant St., Fort Kent, ME 04743
16 / 31 -5	Jonathan & Karen Trudo Home	20 Apple Blossom Lane, Kennebunkport, ME 04046
	Maine Northern Railway	103 School Street, Oakfield, ME 04763

**200-DAY AND 2,500-DAY TRAVEL ZONE
MANAGEMENT PLAN**

LEBOEUF WELL SITE

**EAGLE LAKE WATER AND SEWER DISTRICT
EAGLE LAKE, MAINE**

September 2008



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**200-DAY AND 2,500-DAY TRAVEL ZONE
MANAGEMENT PLAN**

LEBOUEF WELL SITE

**EAGLE LAKE WATER AND SEWER DISTRICT
EAGLE LAKE, MAINE**

SEPTEMBER 2008

Prepared By:

**Wright-Pierce
230 Commerce Way, Suite 302
Portsmouth, NH 03801**

200 DAY AND 2,500 DAY TRAVEL ZONE MANAGEMENT PLAN

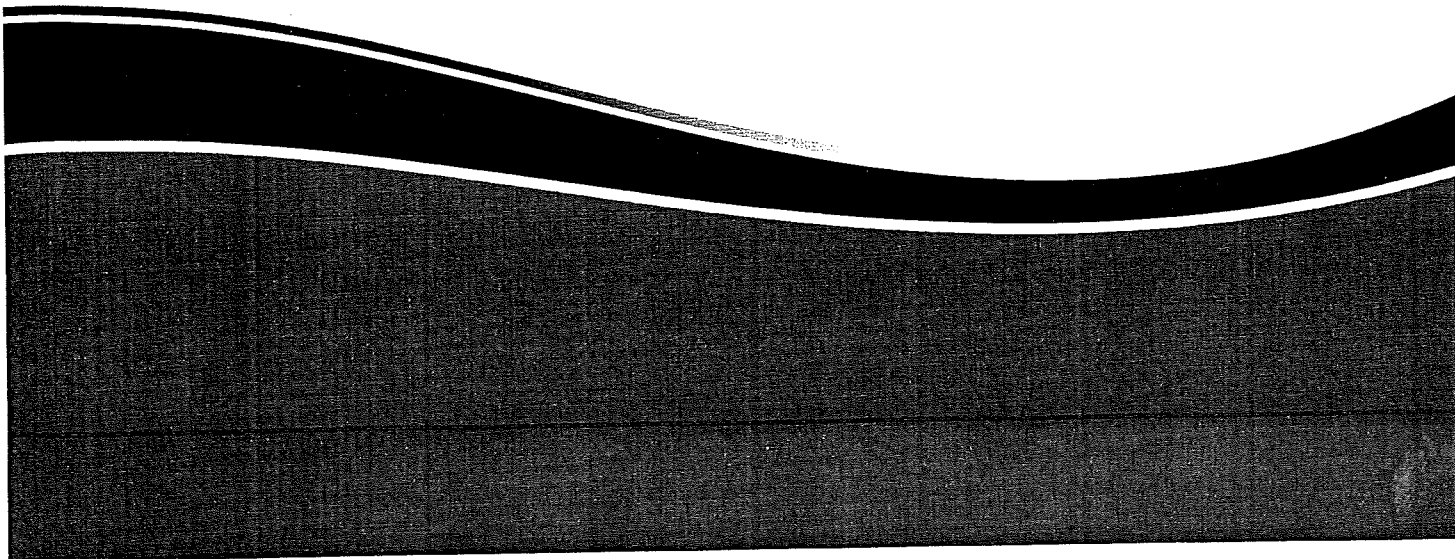
LEBOUEF WELLS SITE

**EAGLE LAKE WATER AND SEWER DISTRICT
EAGLE LAKE, MAINE**

TABLE OF CONTENTS

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>PAGE</u>
1	Introduction	1-1
2	200-Day and 2,500-Day Travel Zone Wellhead Protection Areas....	2-1
3	Potential Contaminant Sources (PCS) Identification and Description	3-1
4	Wellhead Protection Outreach and Guidance.....	4-1
5	Long-term Wellhead Protection Strategies	5-1
<u>TABLES</u>		
1	State of Maine's EGAD Database PCS Site Types	3-1
<u>FIGURES</u>		
1	LeBouef Well Site - Wellhead Protection Areas and PCS Sites	1-3
<u>APPENDICES</u>		
APPENDIX A- Eagle Lake WSD - Maine Drinking Water Program Correspondence		
APPENDIX B - Property Owner Information		
APPENDIX C- Sample Property Owner Identification Letter		

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SECTION 1 INTRODUCTION

In 1986, amendments to the Federal Safe Drinking Water Act (SDWA) law established the Wellhead Protection (WHP) Program. Under these amendments, each state was called upon to develop and submit to the United States Environmental Protection Agency (USEPA) for approval, a plan that would protect groundwater which supplies wells, wellfields, springs, and tunnels that provide drinking water to the general public. Also specified in the SDWA are the basic, minimum elements that states must address and include in their WHP plans.

State of Maine's "*Rules Relating To Drinking Water*" (10-144, Chapter 231) requires a plan be prepared that describes how the owner of a municipal well will manage land use activities within a well's wellhead protection area. The purpose of this plan is to help protect groundwater quality through land use activities and controls that will prevent groundwater contamination.

The State of Maine's Drinking Water Program granted the Eagle Lake Water and Sewer District final approval for its LeBouef Well on March 24, 2008. This well approval was conditioned on the preparation of 2,500-Day Travel Zone Management Plan for the LeBouef Well. This approval letter, along with other correspondence between the Eagle Lake Water and Sewer District and the State of Maine's Drinking Water Program is included in Appendix A.

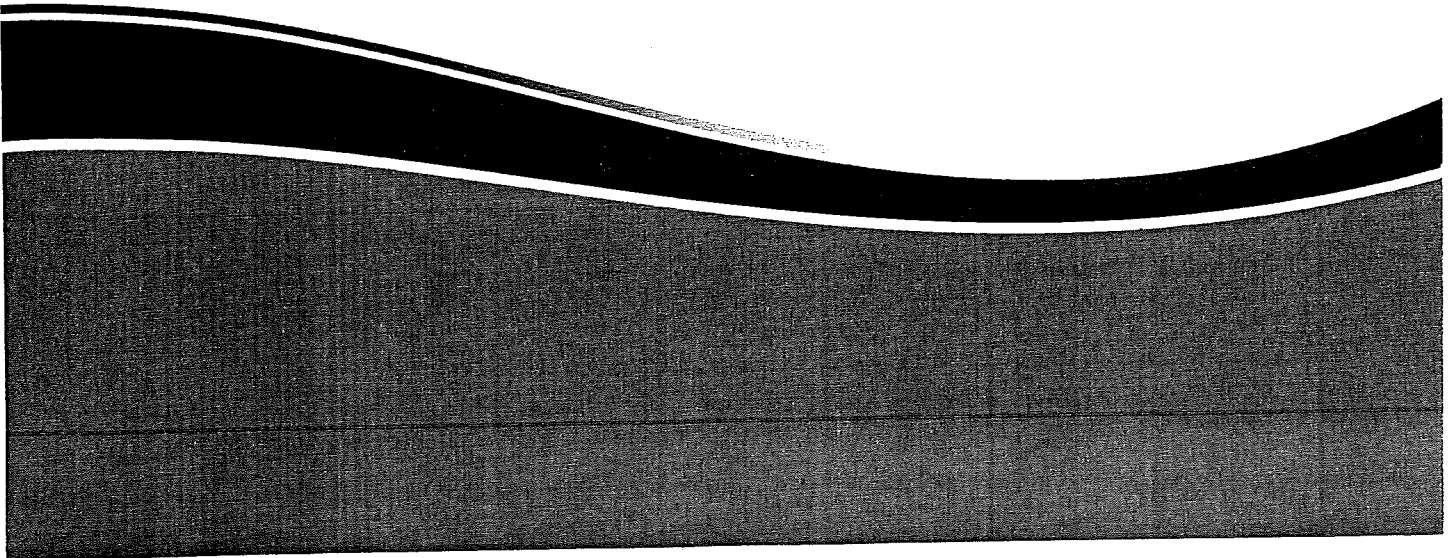
The basic physical details of the LeBouef Well are presented below:

1.1 LeBouef Wells

The LeBouef Well Site is located on Furlong Road on the western shore of Eagle Lake. Two 16-inch diameter gravel developed wells, known as PW-1 and PW-2, were constructed on the property in November 2007 by the Layne-Christensen Company of Dracut, Massachusetts. PW-1 is 42 feet deep and is located approximately 200 feet

west of Eagle Lake. PW-2 is located 145 feet south of PW-1 (approximately 180 feet from Eagle) and is also 42 feet deep. PW-1 will act as the primary well and PW-2 will serve as a back-up to PW-1. Pump tests of these wells, conducted in November and December, 2007 indicated each well can produce approximately 200 gallons per minute when pumped individually. See Figure 1 for the location of these wells.

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SECTION 2

200-DAY AND 2,500-DAY TRAVEL ZONE WELLHEAD PROTECTION AREAS

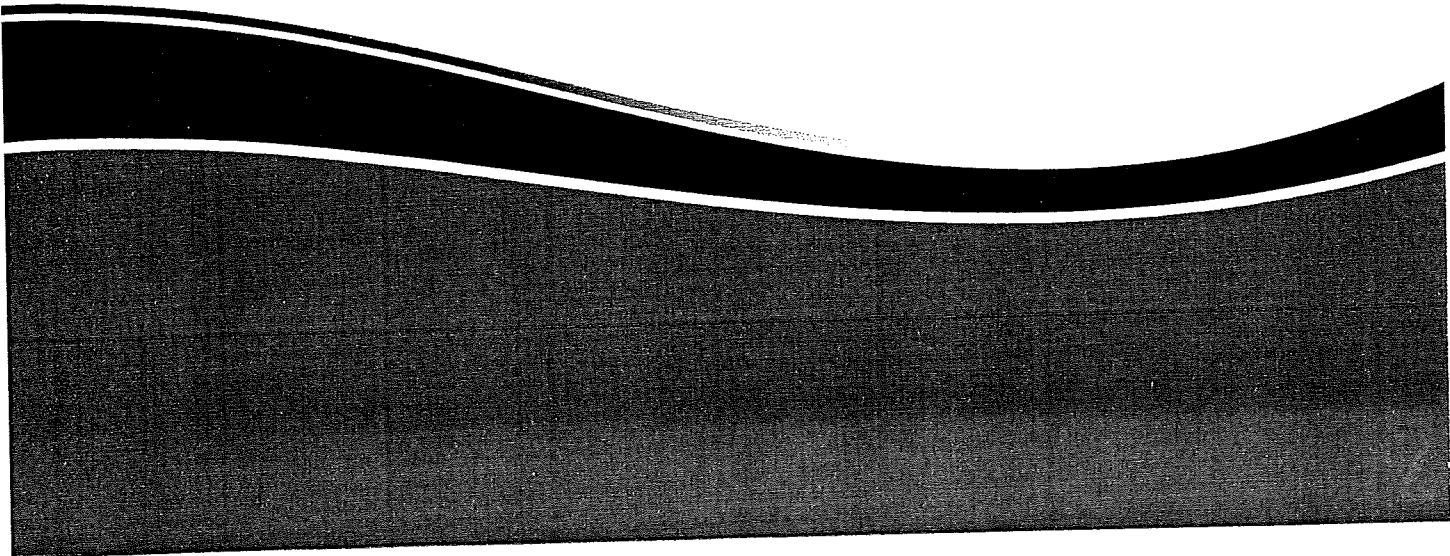
In Maine, wellhead protection area boundaries are established by determining the distance (boundary to well) that groundwater would travel over a period of 200 days and 2,500 days of well operation. These boundaries are determined through the use of sophisticated groundwater computer models and are customized for the specific hydrogeologic conditions around each well. Ideally, a water system is to own the all the property within the 200-day time of travel zone. Easements, aquifer protection zoning ordinances or other land use controls are typically required for the area within the 2,500-day time of travel zone.

Below are the details for the 200-Day and 2,500-Day Travel Zone for the LeBouef Wells.

2.1 LeBouef Wells

The 200-day travel zone for the LeBouef Wells is approximately circular shaped and is approximately 650 feet long (north - south) and 650 feet wide (east-west). The 2,500-day travel zone is more oval shaped and is approximately 850 feet long (north - south) and 650 feet wide (east - west). These time of travel zones were determined as part of a study that is summarized in a report titled, "*Request for Final Approval for a New Public Water Supply Well*" dated March, 2008 that was prepared by Wright-Pierce for the Eagle Lake Water and Sewer District. The 200-day and 2,500-day time of travel zones are shown on Figure 1 (Section 1).

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SECTION 3

POTENTIAL CONTAMINANT SOURCES (PCS) IDENTIFICATION AND DESCRIPTION

Using the State of Maine's Geographic Information System (GIS) system, threats to groundwater quality from known Potential Contaminant Sources (PCS) located within the wells' 200-day and 2,500-day time of travel zone were identified. The State of Maine Department of Environmental Protection maintains a database of PCS in a system known as the Maine Environmental and Geographic Analysis Database (EGAD)

EGAD, (formerly known as the Environmental and Groundwater Analysis Database) was originally designed to store site and water quality information and currently includes spatially located data for 39 different types of potential and actual sources of contamination to groundwater in Maine. Table 1 lists the 39 types of Potential Contaminant Sources.

TABLE 1

Maine's EGAD Database PCS Site Types

- Agricultural Chemical Use
- Agriculture Nitrate Bacteria
- Ash Utilization Site
- Automobile Graveyard/Junkyard
- Bulk Fuels Storage/Distribution Facility
- Compost Site
- Construction/Demolition
- Dry Cleaner
- Engineered Subsurface Wastewater Disposal System
- Industrial Complex
- Infiltration Retention Basin
- Landfill Commercial
- Landfill Municipal

Table 1 (continued)
Maine's EGAD Database PCS Site Types

Landfill Special Waste
Leaking Above-ground Storage Tank
Leaking Underground Storage Tank
Marina/Boat Yards
Mystery Spill
NPS Golf Courses Etc
RCRA Large Quantity Generators
RCRA Medium Quantity Generators
RCRA Remediation
RCRA Small Quantity Generators
Residuals Utilization Site
Resource Extraction Activities (Gravel Pits)
SWAT Surface Water Ambient Toxics - Lakes
SWAT Surface Water Ambient Toxics -
Rivers/Streams
Sand/Salt Storage
Sanitary and Industrial WWTF
Septage Disposal Storage Site
Sludge Utilization Site
Surface Impoundments SIA
Surface Spill
Transfer Station
Uncontrolled Site (All Others)
Uncontrolled Site DOD
Uncontrolled Site NPL
Underground Injection Sites
Unsewered Subdivisions
Woodyards/Lumberyards/Piles

Below are the details for the PCS's located in the 200 and 2,500-day travel zones for the LeBouef Wells.

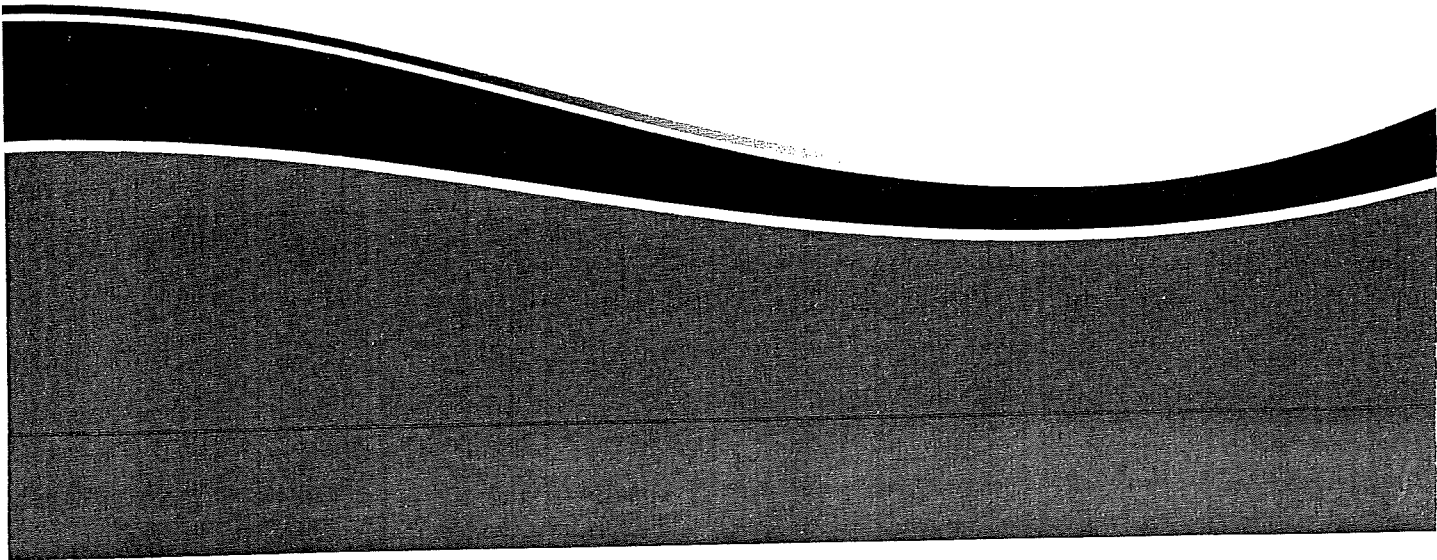
3.1 LeBouef Wells

The State of Maine's EGAD data base did not indicate any PCS in the LeBouef Wells' 200 and 2,500-day time of travel zones. The nearest PCS sites were two underground storage tank sites (two tanks each) located approximately 1,000 feet and 1,600 feet to the southwest of the production wells.

The PCS sites in the vicinity of the LeBouef Wells Wellhead Protection Areas are shown on Figure 1.

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Section 4



SECTION 4

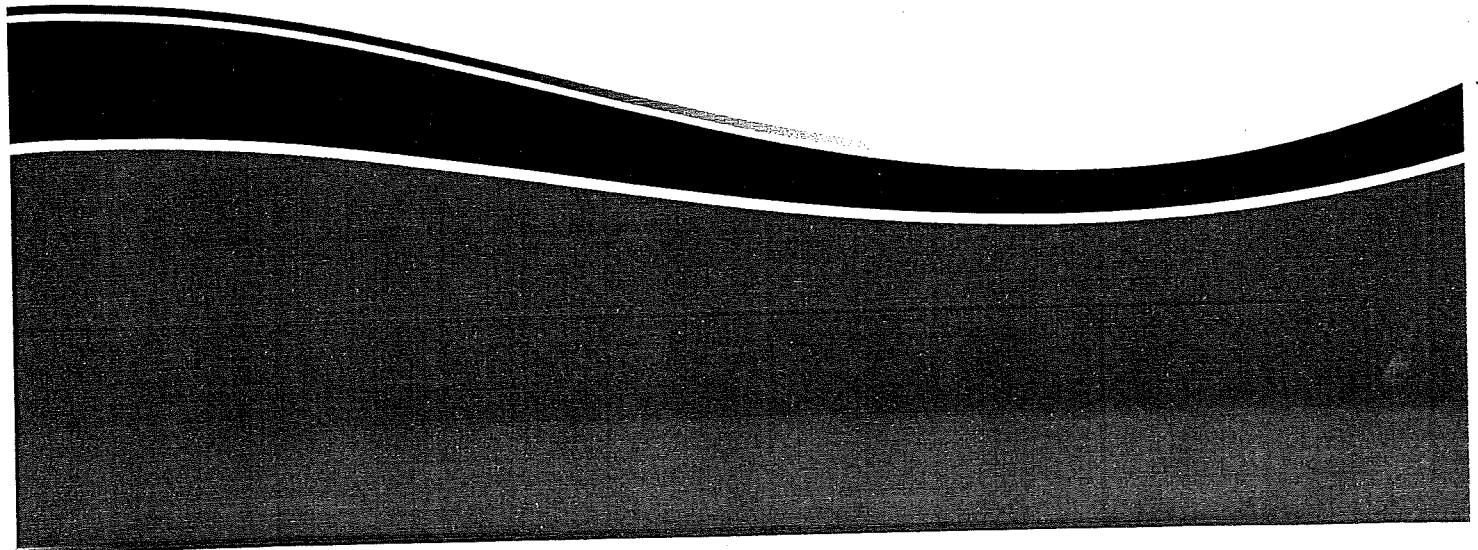
WELLHEAD PROTECTION OUTREACH AND GUIDANCE

Educating owners of property that are located within the 200-day 2,500-day travel time wellhead protection areas of the need to protect groundwater quality is a key component of Eagle Lake Water and Sewer District's wellhead protection strategy. Therefore, the names and addresses of all property owners that own land inside the wellhead protection area for the LeBouef Wells have been tabulated using information from the Town of Eagle Lake Tax Assessor's office. This property owner information is included in Appendix B.

A generic cover letter that explains the importance of wellhead protection has been prepared and is included in Appendix C. This letter will be mailed to the property owner along with a groundwater protection guidance document prepared by the Maine Rural Water Association titled "*The Safe Home Program*". This document provides comprehensive groundwater protection "Do's and Don'ts" and a copy is included in Appendix D.

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Section 5



SECTION 5

LONG-TERM WELLHEAD PROTECTION STRATEGIES

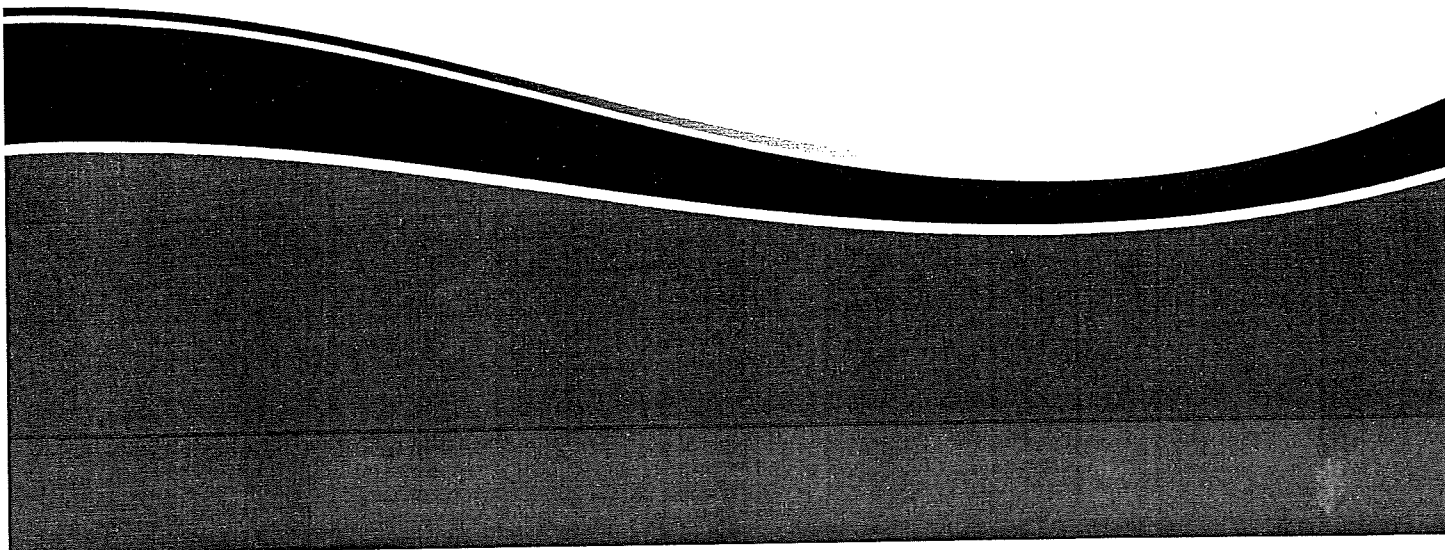
Ideally, all properties located within the wellhead protection area of the LeBouef Wells would be owned by the Eagle Lake Water and Sewer District or their land uses controlled through legal easements. The 200-day time of travel zone contains 7 properties and the 2,500-day time of travel zone contains 8 properties (see Figure 1). However, because these properties are located on Eagle Lake, they are very expensive and the cost of acquisition or easements would have an unacceptable adverse impact on water rates.

When land ownership or easements cannot be obtained for the properties in the wellhead protection areas, typically a water district would seek to incorporate a wellhead protection ordinance into its zoning regulations. However, the Eagle Lake Water and Sewer District recently attempted to enact a wellhead protection ordinance and was met with significant local opposition. Therefore the district will focus its efforts on public outreach and education through mailings and public informational meetings. Public outreach is discussed in Section 4.

Finally, on June 20, 2007, the State of Maine amended Chapter 353 of their public laws to require Natural Resource Protection Act (NRPA) permitting for activities within the shoreland zone of public water supplies. Rules established by this new law, which are expected to be issued within the next few years, will likely provide additional protection for the LeBouef wells.

For reference, a model Wellhead Protection Ordinance is included in Appendix E.

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Maine Center for Disease
Control and Prevention
An Office of the
Department of Health and Human Services

John E. Baldacci, Governor

Brenda M. Harvey, Commissioner

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-2070
Fax: (207) 287-4172; TTY: 1-800-606-0215

March 24, 2008

Mr. Gerald Raymond
Eagle Lake Water & Sewer District
P.O. Box 137
Eagle Lake, ME 04739

COPY

RE: Final Approval for Water Supply Wells PWSID # 90480

Dear Mr. Raymond:

The Department has reviewed the 'Request for Final Approval' submitted by Wright-Pierce for the two gravel packed wells constructed in November 2007. These wells are designated PW-1 and PW-2 and are located on the LeBoeuf site. In the materials presented, the well specifications and water quality analysis results meet all applicable State and Federal standards.

Final approval is granted for wells PW-1 and PW-2 subject to the following requirements:

1. The District must develop and implement an effective wellhead protection plan for the new wells. The Plan must include either ownership or legal control over the delineated 2,500 day contributing area for the wells. This control may take the form of a local ordinance restricting activities in the area, or of an easement on the land within the area that will accomplish the same purpose.
2. As a water district, chlorination facilities are required and continuous chlorination must be in operation upon initial utilization of the wells. Chlorination must continue for no fewer than 60 days. The District may petition to discontinue chlorination after the two month period.
3. Tests for gross alpha from each well must be conducted as soon as possible to fulfill the requirement of two quarterly tests. This follows the initial tests for gross alpha done in November.
4. First Year Water Testing: Monthly testing for bacteria for at least 12 months. Annual testing for nitrate/nitrite and volatile organic compounds. To a six-month testing schedule for lead/copper. Quarterly testing for disinfectant by-products. Quarterly composite tests for Radium 228 (TSVY) to be collected in the first two calendar quarters that the wells are on-line.

These testing requirements pertain to the groundwater sources only and exclude the current water testing requirements for surface water. You will be notified in the future regarding any additional routine monitoring requirements.

Please contact us if you have any questions or concerns.

Sincerely,

Lawrence R. Girvan, P.E.
Field Services Engineer 768-3610
Drinking Water Program

Lindy Moceus
Compliance Officer 287-8402

cc: Andy Tolman

Caring..Responsive..Well-Managed..We are DHHS.

Maine Drinking Water Program Well to Contamination Source Setback Waiver Form
Rev B 1/9/2007

System Name: *Eagle Lake Water District*
System Contact Name: *Gerry Raymond*
PWSID# (If applicable): *90480*
DWP Field Inspector: *Larry Girvan*
DWP Waiver Reviewer: (Field Inspection Team Manager or DWP Geologist):

Date: *8/15/07*

1. What is the measured setback the waiver is requested for? (Attach drawings and describe)
220' From Saucier Residence
2. What circumstance warrants a setback reduction waiver: *Maintain 150' setback from Eagle Lake surface water and allow sufficient land area to locate backup production well PW 2 (see attached site plan) in a location where high yield sand and gravel sediment is likely to exist on the LeBeouf Site. Saucier and LeBeouf residences are on municipal sewer system. Septic systems do not exist within 600 feet of the proposed well sites.*
3. If setback is less than 150 feet, was a hydrogeological study completed by a certified Geologist?

Yes (attach report)

No If No, why was the study not completed? (e.g. septic pretreatment required, study not needed? other?)

4. Waiver granted? Yes No

Explain reasoning:

Existing residential building poses limited risk. Well site highly constrained by geologic and regulatory restrictions.

5. Record waiver conditions (e.g. septic pretreatment, extended well casing or jazwell seal, monitoring requirements):
Applicant shall delineate actual protection zone (200 day travel time
New activities within that zone will be reviewed by Eagle Lake PB
and DWP.

DWP Authorizing Signature (Field Inspection Team Manager or DWP Geologist):

Andrews L. Tolman

Digitally signed by Andrews L. Tolman
DN: cn=Andrews L. Tolman, o=Eagle Lake Water District, ou=Maine, email=Andrews.L.Tolman@eaglelake.org, c=US

Date: 8/22/07

Retain this form in the PWS file.

APPROVED BY: Nancy Beardsley, Director

Nancy Beardsley

Signature

Effective Date

Rev A - 9/25/06 ; Rev B -1/9/07 ;

Revision Dates

_____; _____;



John Elias Baldacci
Governor

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention
(Formerly Bureau of Health)
286 Water Street
11 State House Station
Augusta, ME 04333-0011

Brenda Harvey
Acting Commissioner

Dora Anne Mills, MD, MPH
Public Health Director
Maine CDC Director

July 31, 2007

Gerald Raymond, Superintendent
Eagle Lake Water and Sewer District, PWSID 90480
PO Box 137
Eagle Lake ME 04739

Subject: Wellhead protection status, LeBoeuf site and potential impacts on Saucier Property, Eagle Lake

Dear Mr. Raymond:

You requested that we clarify the status of the Saucier property's wellhead protection status given the recent agreement to develop a well on the LeBoeuf site. It is our understanding that the well will be developed in the vicinity of test boring 7-05, 150 + feet from the normal high water level of Eagle Lake. A well at that location would have a preliminary 300-foot radius protection area, pending actual delineation of a 200-day travel time area. The 300-foot circle would extend on to the Saucier property, primarily in the shoreland zone.

Based on our understanding of the Eagle Lake Shoreland Zoning Ordinance, it is our expectation that the use of the Saucier property would not face significant additional restrictions by the potential of this portion of their land being within the preliminary wellhead protection area. Additionally, it is important to note that the final delineation, based on the actual contributing area, may well not include the Saucier property, although we cannot be certain of that until the hydrogeologic evaluation is complete.

Another factor that will influence the long-term land use in the area is PL 2007, Chapter 353, which provides protection for the sanitary protection area of community public water systems (either a 300 foot radius or a 200 day travel time). Any new activity (e.g., a new building) in that area would be subject to state-level review and approval. Existing, ongoing low-intensity recreational use will not be regulated under this law.

We will continue to work with Eagle Lake to provide a safe and secure public water source for your customers. Please give me a call if you have questions about this letter.

Sincerely,

Larry Girvan, P.E.
Northern Maine Field Services
Maine Drinking Water Program

Andrews L. Tolman, C.G.
Water Resources Team Leader

Cc: Larry Girvan, Terry Trott, Roger Crouse

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John Elias Baldacci
Governor

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention
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286 Water Street
11 State House Station
Augusta, ME 04333-0011

Brenda Harvey
Acting Commissioner

Dora Anne Mills, MD, MPH
Public Health Director
Maine CDC Director

July 6, 2007

Gerald Raymond, Superintendent
Eagle Lake Water and Sewer District, PWSID 90480
PO Box 137
Eagle Lake ME 04739

Subject: Wellhead protection status, LeBoeuf site and potential impacts on Saucier Property, Eagle Lake

Dear Mr. Raymond:

You requested that we clarify the status of the Saucier property's wellhead protection status given the recent agreement to develop a well on the LeBoeuf site. It is our understanding that the well will be developed in the vicinity of test boring 7-05, 150 + feet from the normal high water level of Eagle Lake. A well at that location would have a preliminary 300-foot radius protection area, pending actual delineation of a 200-day travel time area. The 300-foot circle would extend on to the Saucier property, primarily in the shoreland zone.

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We will continue to work with Eagle Lake to provide a safe and secure public water source for your customers. Please give me a call if you have questions about this letter.

Sincerely,

Larry Girvan, P.E.
Northern Maine Field Services
Maine Drinking Water Program

Andrews L. Tolman, C.G.
Water Resources Team Leader

Cc: Gary Smith, Wright-Pierce, 135 Commerce St. Portsmouth, NH 03801, Jeff Musich W-P, Larry Girvan, Terry Trott, Roger Crouse

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John Elias Baldacci
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Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention
Division of Environmental Health
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286 Water Street
11 State House Station
Augusta, ME 04333-0011

Brenda Harvey
Commissioner

Dora Anne Mills, MD, MPH
Public Health Director
Maine CDC Director

June 27, 2007

Mr. Gerald Raymond
Superintendent
Eagle Lake Water and Sewer District
PO Box 137
Eagle Lake, Maine 04739

Subject: Purchase of Saucier Property and the Development of Production Wells

PWSID# 90480

Dear Gerry:

Thank you for meeting with me and other Drinking Water Program (DWP) staff via telephone on June 26, 2007. The Eagle Lake Water and Sewer District (District) has an option to purchase the Saucier property located on the shore of Eagle Lake. However, due to the limited foot-print of this lot, the primary wellhead protection zone will extend beyond the boundaries of the property. The DWP requires that the District have ownership or other land use controls over the primary wellhead protection zone.

The District has sought unsuccessfully for opportunities to purchase land or easement rights from the abutting property owners. The District has conducted testing on a total of 12 separate locations in an effort to identify the most viable ground water supply. The District also worked with the Town of Eagle Lake to create a municipal ordinance that would provide the necessary wellhead protection. However, the DWP understands that the Selectmen in the Town of Eagle Lake have removed the wellhead protection ordinance from the municipal ballot.

The DWP has earmarked approximately \$956,000 from the Drinking Water State Revolving Fund (DWSRF) for the District for the development of a new water supply and the Community Development Block Grant Program has committed \$500,000. Approximately \$235,000 has been spent to-date.

Due to the District's great difficulties finding an acceptable water supply of water, the DWP agrees to the following terms:

1. The District may use DWSRF money to purchase the Saucier property and design and construct the necessary component of the new water source.
2. The District must continue working with abutting property owners and/or local government officials to obtain necessary ownership or control of the primary

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- wellhead protection area. The District must attain this ownership/control before the DWP will grant final approval of the new supply.
3. The District must provide evidence to the DWP that they have the rights to install and/or fully access the necessary monitoring wells to develop the groundwater model.

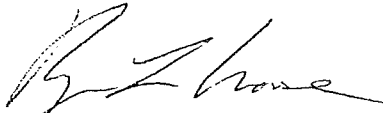
As you may know for the last several years the DWP has been working with the Legislature to find ways to better protect Maine's drinking water sources. This session we were successful in getting legislation passed that designates wellhead protection areas and areas around surface water intakes as protected natural resources; a very important first step in better protecting our drinking water sources. This is intended to provide a minimum acceptable level of land use control.

We are now working with the Department of Environmental Protection to develop rules that clarify the law. There are a number of steps in this process, and we will not know the shape of the new rules until after the next legislative session.

As I stated in our phone conversation, the District assumes a risk if it decides to proceed forward with this project without having the land ownership/control in place. Please do not confuse the DWP's agreement to fund this project as the DWP assuming part of that risk. The District remains the entity that is responsible for complying with State and Federal regulations and providing safe and reliably protected water to its customers in Eagle Lake.

The DWP appreciates the difficult situation you are in. We strongly support the development of a safe and reliable drinking water source in Eagle Lake. If you have any questions, please contact me at 287-5684 or roger.crouse@maine.gov.

Yours for safe drinking water,



Roger L. Crouse, P.E.
Assistant Director
Maine Drinking Water Program

Ec Andy Tolman, Nate Saunders, Nancy Beardsley, Tera Pare, Jeff Musich and Gary Smith –WP, Karen Asselin –MMBB



John Elias Baldacci
Governor

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention
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Brenda Harvey
Acting Commissioner

Dora Anne Mills, MD, MPH
Public Health Director
Maine CDC Director

June 6, 2007

Gerald Raymond, Superintendent
Eagle Lake Water and Sewer District PWSID 90480
PO Box 137
Eagle Lake ME 04739

Subject: Preliminary Hydrogeologic Approval well construction and testing, Saucier Site, Eagle Lake

Dear Mr. Raymond:

We have reviewed a draft report dated June 1, 2007 from Wright-Pierce, concerning location of a production well or wells for Eagle Lake. The current proposal is for naturally developed gravel wells on the Saucier property, located more than 150 feet from mean high water of the lake. We understand that this report will become part of the final hydrogeologic report for the system, and that this is an interim submittal.

The plan for development and testing is appropriate, and we have also reviewed the language and coverage of your proposed wellhead protection ordinance for this area. It meets our minimum standards for new source protection.

Based on the information available in these reports, we believe that a well on the Saucier site is acceptable from a source protection standpoint. Final well approval will depend on the characteristics of well(s) as they are developed. This approval is separate from the Environmental Review required for SRF.

Sincerely,

Larry Girvan, P.E.
Northern Maine Field Services
Maine Drinking Water Program

Andrews L. Tolman, C.G.
Water Resources Team Leader

Cc: Gary Smith, Wright-Pierce, 135 Commerce St. Portsmouth, NH 03801, Jeff Musich W-P, Larry Girvan, Terry Trott, Roger Crouse



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Public Health Director
Maine CDC Director

May 9, 2006

Gerald Raymond, Superintendent
Eagle Lake Water and Sewer District PWSID 90480
PO Box 137
Eagle Lake ME 04739

Subject: Location of production wells at Eagle Lake

Dear Mr. Raymond:

On May 4, Drinking Water Program (DWP) staff and Wright-Pierce staff conducted a conference call to clarify the location and path to approval for the new Eagle Lake wells. Determining the location of the wells is complicated by two potential sources of contamination. The first potential source of contamination is the proximity to surface water. All wells located less than 150 feet from a surface water body must be tested, using Microscopic Particulate Analysis (MPA), to determine if the wells are under the direct influence of surface water. Wells that are determined to be under the direct influence of surface water are subject to the provisions of the Surface Water Treatment Rule. Since the early 1990s the DWP has used a definition of the edge of the surface water body that is consistent with the definition of the "Normal high water line" found in Maine Statute (38 MRSA, §480B).

In a letter dated November 18, 2005, the DWP authorized development and testing of new wells on the LeBoef property. That letter was based on Wright-Pierce's November, 2005 request for preliminary approval report, which indicated that the well was to be located "152 feet from the Eagle Lake shoreline". The DWP did not recognize during the review of the report that the shoreline identified was not the statutory edge of the lake, but rather an observed summer water level.

On May 3, 2006, Larry Girvan and Bill Johnson of the DWP, measured from the normal high water line of Eagle Lake to the staked well locations. The distances were determined to be 119 and 125 feet. Since the staked locations are less than the 150 feet from a surface water body, any wells constructed at these points would need to be tested to determine if they are under the direct influence of surface water.

The second potential source of contamination is the existing home on the LeBoef property. The State of Maine Rules Relating to Drinking Water requires that "New wells shall be located at least 300 feet away from potential contamination sources." (Section 3. G. 2. f. iii.). In the subsequent paragraph (iv) the DWP has the ability to "grant a waiver on a case-by-case basis." The locations of the wells, as staked on May 3, 2006, are more than 300 feet from the existing home. Moving the wells further away from surface water, to avoid the required MPA testing, will result in the home being located within the 300 foot circle. However, since no subsurface disposal field exists on the property, the DWP would approve a waiver if a strong management plan is implemented.

Larry Girvan is anticipating meeting Gary Smith from Wright-Pierce, at the LeBoef property on May 15, 2006 to help delineate the 150 foot set-back from surface water. If you have any questions, please contact me at 287-6196.

Sincerely,

Andrews L. Tolman
Education and Technical Assistance Team Leader
Maine Drinking Water Program

Cc: Gary Smith, Wright-Pierce, 135 Commerce St. Portsmouth, NH 03801, Jeff Musich, Larry Girvan, Terry Trott, Roger Crouse

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TTY: (207) 287-5550



John Ellas Baldacci
Governor

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention
(Formerly Bureau of Health)

286 Water Street
11 State House Station
Augusta, ME 04333-0011

John R. Nicholas
Commissioner

Dora Anne Mills, MD, MPH
Public Health Director
Maine CDC Director

November 18, 2005

Gerald Raymond, Superintendent
Eagle Lake Water and Sewer District PWSID 90480
PO Box 137
Eagle Lake ME 04739

Subject: Preliminary Approval, Pump test plan and hydrogeologic evaluation, Eagle Lake.

Dear Mr. Raymond:

We have reviewed the November, 2005 report prepared by Wright-Pierce for the LeBoef site. The plan presents a clear understanding of the site hydrogeologic conceptual model, as well as an appropriate plan for testing that model's assumptions during the production well pump test.

The pumping test plan includes a variable duration, depending on the system response. This is appropriate for this setting, with both a positive and negative boundary condition to evaluate. We note that a delineation of the contributing area (200 and 2,500 day travel time) will be required for final approval of the production well, along with an effective wellhead protection plan that provides for ownership or legal control of activities in the contributing area.

We wish you good luck in the well installation and development process. Please keep us apprised of your progress, so that we can work together to provide Eagle Lake with safe drinking water.

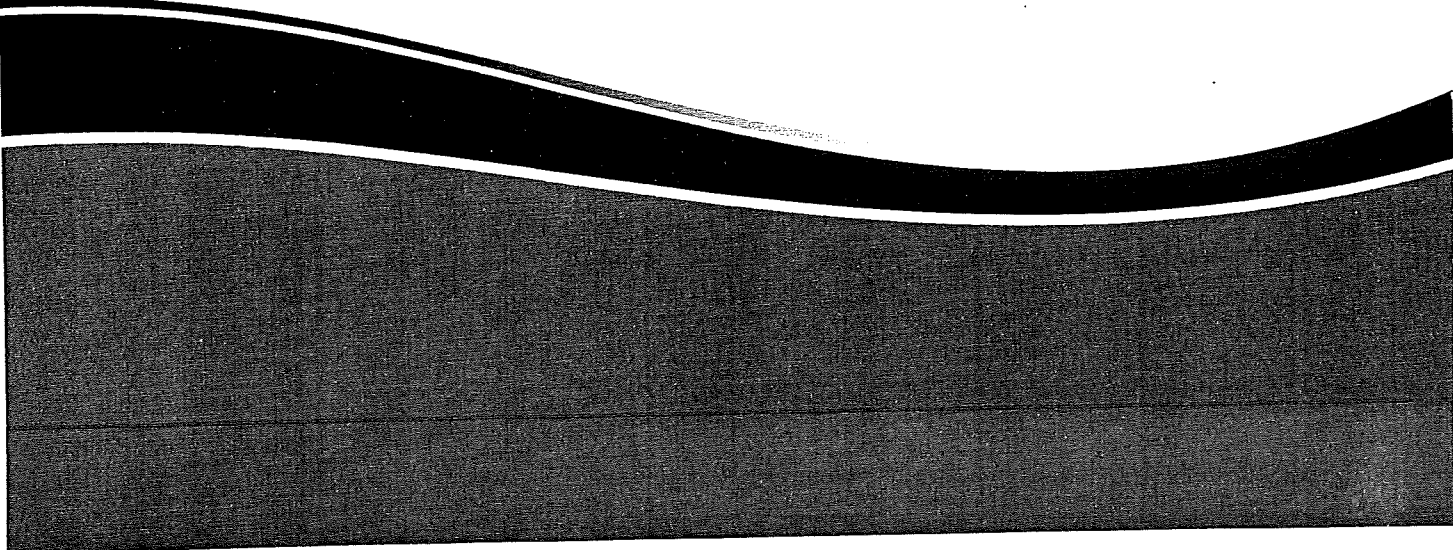
Sincerely,

Andrew L. Tolman
Manager Source Protection,
Maine Drinking Water Program
286 Water Street, 3rd Floor
Augusta, ME 04333-0011



Cc: Gary Smith, Wright-Pierce, 135 Commerce St. Portsmouth, NH 03801

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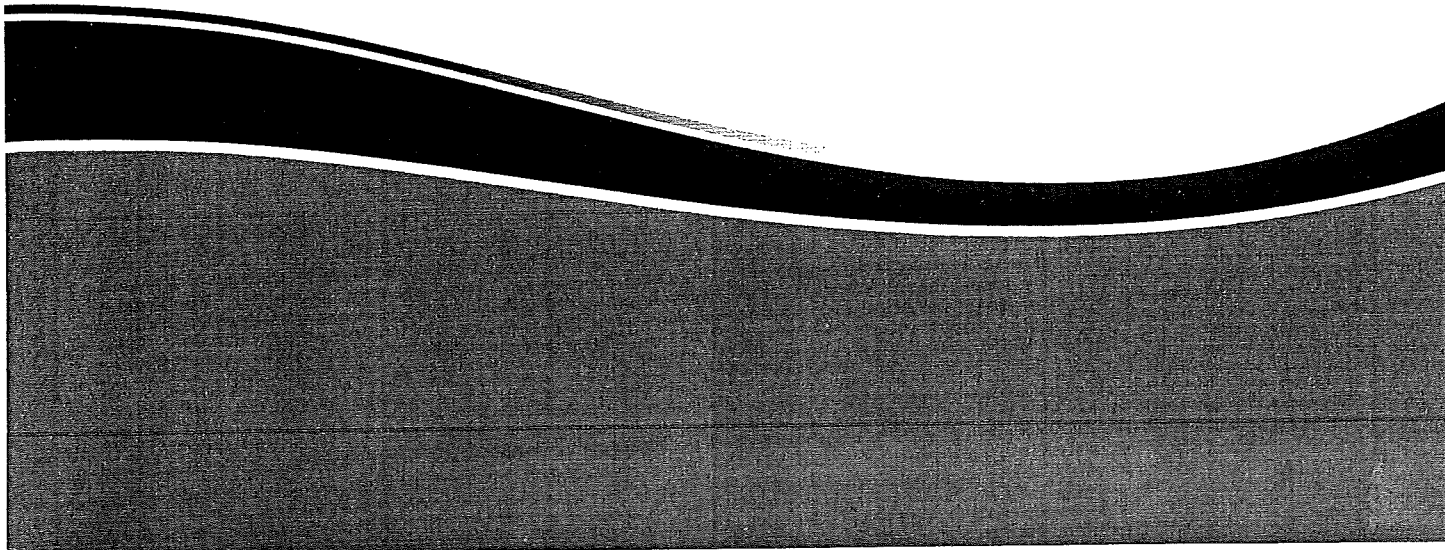


Eagle Lake Water & Sewer District
Eagle Lake, Maine (Public Water Source)

Land Owners located within the 200 day travel time Zone of Contribution

Tax Map / Lot	Property Owner Name	Mailing Address
16 / 29	Phillip LeBoeuf Overlook Cabins	PO Box 347, Eagle Lake, ME 04739
16 / 29 -1	ELWSD District Sewer Pumping Station # 2	PO Box 137, Eagle Lake, ME 04739
16 / 30	Phillip LeBoeuf Home	PO Box 347, Eagle Lake, ME 04739
16 / 30A	ELWSD District Wellhead Area	PO Box 137, Eagle Lake, ME 04739
16 / 31 -3	Louis & Lillian Roy Home	PO Box 347, Eagle Lake, ME 04739
16 / 31 -4	Paula Ouellette RV Lot	75 Pleasant St., Fort Kent, ME 04743
16 / 31 -5	Jonathan & Karen Trudo Home	20 Apple Blossom Lane, Kennebunkport, ME 04046
	Maine Northern Railway	103 School Street, Oakfield, ME 04763

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Engineering a Better Environment



September 1, 2008

Name

Address

Eagle Lake, ME 04090

Subject: Eagle Lake Water and Sewer District
Wellhead Protection Area Information for Homeowners - LeBouef Wells
Eagle Lake Tax Map _____, Lot _____

Dear Property Owner:

As you may be aware, the Eagle Lake Water and Sewer District (ELWSD) uses groundwater wells as water sources for its municipal water supply system. In order to supply the safest and highest quality drinking water to its customers, ELWSD is committed to keeping these water sources as pristine and free of land use related contamination as possible.

This letter is to notify you that your property is located within a wellhead protection area for new groundwater wells located on the LeBouef property between Dube Lane and Old Main Street. As part of the municipal groundwater well approval process, State of Maine Drinking Water Program rules require a wellhead protection area be established around municipal water supply wells. The wellhead protection area boundaries are established by determining the distance (boundary to well) that groundwater would travel over a period of 2,500 days of well operation.

Land use activities on your property could affect the quality of groundwater that reaches the LeBouef Well Site. We, therefore, urge you to be aware of, and avoid, activities that can adversely impact groundwater quality.

Enclosed please find some information that explains how you can protect your groundwater quality. We hope you will take a moment to review this material and follow its recommendations to prevent groundwater contamination. If water for your home is supplied by an on-site private well, this information will also help to ensure your family's water remains clean and safe to drink.

If you have any question regarding this letter or the enclosed materials, please do not hesitate to contact me at the Eagle Lake Water and Sewer District at 207-444-5441. Thank you for helping keep our community's groundwater safe and clean.

Sincerely,

Gerry Raymond, Superintendent
Eagle Lake Water and Sewer District